Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Composite

-Shell Plating   : Nickel

-Insulator   : Thermoplastic

-Contacts   : Copper Alloy

-Seals & Grommet   : Silicon Elastomer

-Contact Plating   : Gold over copper Alloy 0.8µm minimum

-Durability   : 500 Mating cycles

-Delivered without Souriau contacts

-Temperature Range   : -65°C to +200°C

-Salt Spray   : 2000 hours

-Mass   : 7.9 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	5.49±0.2
R1	18.26
R2	15.09
S	23.8±0.3
V'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 Max
VV THREAD	M12x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D009M98SBL

A	03-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Receptacle 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU   WWW.SOURIAU.COM

FORMAT: **A3**

SOURIAU DRG N° 8D009M98SBL-C

SHEET 1/2

BASIC SERIES: 8D 0 - 09 M 98 S B L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 09

PLATING   : M = Nickel

Delivered W/O Contacts

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 09-98

Contact Layout

+Y

C   A
-X ⊕ + ⊕ +X
      ⊕
      B

-Y

Contacts (Insert arrangement 9-98)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+.065 (1.65)	+.038 (0.97)
B	+.000 (0.00)	-.075 (1.91)
C	-.065 (1.65)	+.038 (0.97)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-98	3	20	I	All	MS20049-98

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

R1
R1
ØT
ØA

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

R1
R1
ØT
ØAA

Dim	Nominal
ØA	16.66 min
ØAA	13.11 min
R1	18.26
ØT	3.25 ±0.13

SOURIAU shall not be liable for any non-conformity or damage
due to a use of the Products which does not comply with
the Specifications issued by either of the Parties or by a third party
(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D009M98SBL

A	03-10-2016	First Release	
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TITLE   Composite Receptacle 8D series

SCALE		General linear Tolerances: ±--	NPRDS / PROJECT **859**
NA			

SOURIAU   WWW.SOURIAU.COM

FORMAT **A3**	SOURIAU DRG N° 8D009M98SBL-C	SHEET 2/2